FIGURE 1

bp

10181

4072
3054

2036
1836

1018

506, 517

396

1 Kb DNA Ladder

pHβ-Apr1-neo 2 vector

SEB insert (PCRed)

SEB-pHβ-Apr1-neo-2 clones

1   2   3   4   5

vector

insert

FIGURE 2

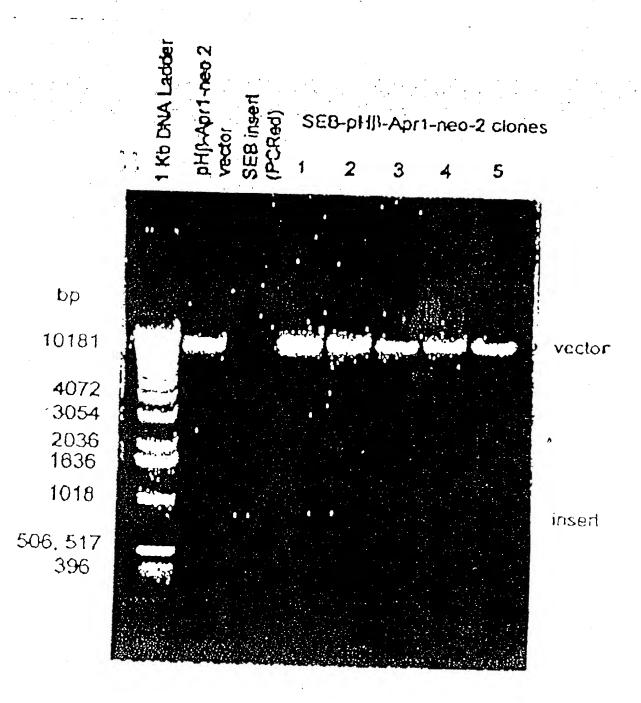|		SEB1 →
	SalI	

```
Clone #2      CGGCTCACAG CGCGCCCGGC TATTCTCGCA GGATCAGTCG ACATGTATAA GAGATTATTT
SEB coding                                                   ATGTATAA GAGATTATTT


Clone #2      ATTTCACATG TAATTTTGAT ATTCGCACTG ATATTAGTTA TTTCTACACC CAACGTTTTA
SEB coding    ATTTCACATG TAATTTTGAT ATTCGCACTG ATATTAGTTA TTTCTACACC CAACGTTTTA


Clone #2      GCAGAGAGTC AACCAGATCC TAAACCAGAT GAGTTGCACA AATCGAGTAA ATTCACTGGT
SEB coding    GCAGAGAGTC AACCAGATCC TAAACCAGAT GAGTTGCACA AATCGAGTAA ATTCACTGGT


                               SEB3 →
Clone #2      TTGATGGAAA ATATGAAAGT TTTGTATGAT GATAATCATG TATCAGCAAT AAACGTTAAA
SEB coding    TTGATGGAAA ATATGAAAGT TTTGTATGAT GATAATCATG TATCAGCAAT AAACGTTAAA


Clone #2      TCTATAGATC AATTTCTATA CTTTGACTTA ATATATTCTA TTAAGGACAC TAAGTTAGGG
SEB coding    TCTATAGATC AATTTCTATA CTTTGACTTA ATATATTCTA TTAAGGACAC TAAGTTAGGG


Clone #2      AATTATGATA ATGTTCGAGT CGAATTTAAA AACAAAGATT TAGCTGATAA ATACAAAGAT
SEB coding    AATTATGATA ATGTTCGAGT CGAATTTAAA AACAAAGATT TAGCTGATAA ATACAAAGAT


Clone #2      AAATACGTAG ATGTGTTTGG AGCTAATTAT TATTATCAAT GTTATTTTTC TAAAAAAACG
SEB coding    AAATACGTAG ATGTGTTTGG AGCTAATTAT TATTATCAAT GTTATTTTTC TAAAAAAACG


Clone #2      AATGATATTA ATTCGCATCA AACTGACAAA CGAAAAACTT GTATGTATGG TGGTGTAACT
SEB coding    AATGATATTA ATTCGCATCA AACTGACAAA CGAAAAACTT GTATGTATGG TGGTGTAACT


Clone #2      GAGCATAATG GAAACCAATT AGATAAATAT AGAAGTATTA CTGTTCGGGT ATTTGAAGAT
SEB coding    GAGCATAATG GAAACCAATT AGATAAATAT AGAAGTATTA CTGTTCGGGT ATTTGAAGAT
/*
Clone #2      GGTAAAAATT TATTATCTTT TGACGTACAA ACTAATAAGA AAAAGGTGAC TGCTCAAGAA
SEB coding    GGTAAAAATT TATTATCTTT TGACGTACAA ACTAATAAGA AAAAGGTGAC TGCTCAAGAA


              ← SEB4 ◆
Clone #2      TTAGATTACC TAACTCGTCA CTATTTGGTG AAAAATAAAA AACTCTATGA ATTTAACAAC
SEB coding    TTAGATTACC TAACTCGTCA CTATTTGGTG AAAAATAAAA AACTCTATGA ATTTAACAAC


Clone #2      TCGCCTTATG AAACGGGATA TATTAAATTT ATAGAAAATG AGAATAGCTT TTGGTATGAC
SEB coding    TCGCCTTATG AAACGGGATA TATTAAATTT ATAGAAAATG AGAATAGCTT TTGGTATGAC


Clone #2      ATGATGCCTG CACCAGGAGA TAAATTTGAC CAATCTAAAT ATTTAATGAT GTACAATGAC
SEB coding    ATGATGCCTG CACCAGGAGA TAAATTTGAC CAATCTAAAT ATTTAATGAT GTACAATGAC


Clone #2      AATAAAATGG TTGATTCTAA AGATGTGAAG ATTGAAGTTT ATCTTACGAC AAAGAAAAAG
SEB coding    AATAAAATGG TTGATTCTAA AGATGTGAAG ATTGAAGTTT ATCTTACGAC AAAGAAAAAG
                                                                    ← SEB2

Clone #2      TGAGGATCCA GACATGATAA GATACCTTGA TGAGTTTGGA CAAACC
SEB coding    TGA BamHI
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Fig. 3